



OIFE

RAW SEQUENCE LISTING

DATE: 01/16/2003

PATENT APPLICATION: US/10/085,871C

TIME: 14:14:30

Input Set : A:\EP.txt

Output Set: N:\CRF4\01162003\J085871C.raw

3 <110> APPLICANT: Lee, Fang-Yu
 4 Lee, Ming-Liang
 5 Anderson, Hong C.
 6 Chiu, Chung-Ching
 8 <120> TITLE OF INVENTION: New Strains of Saccharothrix, Process for Producing
 Pravastatin Using the
 9 Strains and Isolation Process of (HMG)-COA Reductase
 11 <130> FILE REFERENCE: 004135.P005
 13 <140> CURRENT APPLICATION NUMBER: US 10/085,871C
 14 <141> CURRENT FILING DATE: 2002-02-27
 16 <160> NUMBER OF SEQ ID NOS: 12
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 1437
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Saccharothrix 44442
 25 <400> SEQUENCE: 1
 26 gacgaacgct ggcggcgctgc ttaacacatg caagtcgagc ggtaaggccc ttcgggggtac 60
 28 acgagcggcg aacgggtgag taacacgtgg gtaacctgcc ctgtactccg ggataagcct 120
 30 gggaaactag gtctaatacc ggatacgacc ccatagggca tcttgtgggg tggaaagtgc 180
 32 cggcgggtat ggatggaccc ggcgcctatc agcttgttgg tgggggtgat gcctaccaag 240
 34 gcgacgacgg gttagccggcc tgagagggtg accggccaca ctgggactga gacacggccc 300
 36 agactcctac gggaggcagc agtggggaat attgcacaat gggcgaaagc ctgatgcagc 360
 38 gacgccgcgt gagggatgac ggccttcggg ttgtaaacct ctttcagcag ggacgaagcg 420
 40 caagtgcagg tacctgcaga agaagcaccg gctaactacg tgccagcagc cgcggtaata 480
 42 cgtagggtgc gagcgttgtc cggaattatt gggcgtaaag agctcgtagg cggtttgttg 540
 44 cgtcggccgt gaaaacttca cgcttaacgt ggagcctgcg gtcgatacgg gcagacttga 600
 46 gttcggcagg ggagactgga attcctggtg tagcgtgaa atgcgcagat atcaggagga 660
 48 acaccggtgg cgaaggcggg tctctgggcc gatactgacg ctgaggagcg aaagcgtggg 720
 50 gagcgaacag gattagatac cctggtagtc cacgccgtaa acggtgggtg ctagggtgtg 780
 52 gggacttcca cgtcctccgt gccgcagcta acgcattaag caccgccctt ggggagtacg 840
 54 gccgcaaggc taaaactcaa aggaattgac gggggcccg cacaagcgcg gagcatgtgg 900
 56 attaatcga tgcaacgcga agaaccttac ctgggcttga catgcaccgg aaacctgcag 960
 58 agatgtaggc ctcttcggac tgggtgtacag gtggtgcatg gctgtcgtca gctcgtgtcg 1020
 60 tgagatgttg ggttaagtec cgcaacgagc gcaaccctcg tccatgttg ccagcgcgtt 1080
 62 atggcgggga ctcatgggag actgccgggg tcaactcgga ggaagggtgg gatgacgtca 1140
 64 agtcatcatg ccccttatgt ccagggtctt acacatgcta caatggccgg tacagagggc 1200
 66 tgctaagccg tgagggtggag cgaatcccaa aaagccggtc tcagttcgga tcggggctctg 1260
 68 caactcgacc ccgtgaagtc ggagtcgcta gtaatcgag atcagcaacg ctgcggtgaa 1320
 70 tacgttccc ggccctgtac acaccgcccg tcacgtcaag aaagtcggtg acaccggaag 1380
 72 cccgtggccc aaccgcgaag ggggggagcg gtcgaagggt ggactggcga ttgggac 1437
 75 <210> SEQ ID NO: 2
 76 <211> LENGTH: 1471
 77 <212> TYPE: DNA

RAW SEQUENCE LISTING

DATE: 01/16/2003

PATENT APPLICATION: US/10/085,871C

TIME: 14:14:30

Input Set : A:\EP.txt

Output Set: N:\CRF4\01162003\J085871C.raw

78 <213> ORGANISM: Saccharothrix 45494

80 <400> SEQUENCE: 2

```

81 gacgaacgct ggcggcggtgc ttaacacatg caagtcgagc ggtaaggccc ttcgggggtac      60
83 acgagcgggc aacgggtgag taacacgtgg gtaacctgcc ctgtactccg ggataagcct      120
85 gggaaactag gtctaatacc ggatacgacc ccataaggca tcttgtgggg tggaaggttc      180
87 cggcggtatg ggatggaccc ggcgcctatc agcttgttgg tggggtgatg gcctaccaag      240
89 gcgacgacgg gtgacgggcc tgagagggtg accggccaca ctgggactga gacacggccc      300
91 agactcctac gggaggcagc agtggggaat attgcacaat gggcgaaagc ctgatgcagc      360
93 gacgcccgct gagggatgac ggccttcggg ttgtaaacct ctttcagcag ggacgaagcg      420
95 caagtgcagg tacctgcaga agaagcaccg gctaactacg tgccagcagc cgcggtaata      480
97 cgtagggtgc gagcggttgc cggaattatt gggcgtaaag agctcgtagg cggtttgttg      540
99 cgtcgcccggt gaaaacttca cgtttaacgt ggagcctgcg gtcgatacgg gcagacttga      600
101 gttcggcgagg ggagactgga attcctggtg tagcggtgaa atgcgcagat atcaggagga      660
103 acaccggtgg cgaaggcgggg tctctgggcc gatactgacg ctgaggagcg aaagcgtggg      720
105 gagcgaacag gattagatag cctggtagtc cacgccgtaa acggtgggtg ctagggtggtg      780
107 gggacttcca cgtcctccgt gccgcagcta acgcattaa gacccgcct ggggagtacg      840
109 gccgcaaggc taaaactcaa aggaattgac gggggcccg cacaagcggg gagcatgtgg      900
111 attaatcgca tgcaacgcga agaaccttac ctgggcttga catgcaccgg aaacctgcag      960
113 agatgtaggc ctcttcggac tgggtgtacag gtggtgcagc gctgtcgtca gctcgtgtcg      1020
115 tgagatgttg ggttaagtcc cgcaacgagc gcaacctcgt ttccatgttg ccagcgcgtt      1080
117 atggcgggga ctcattggag actgccgggg tcaactcgga ggaaggtggg gatgacgtca      1140
119 agtcatcatg ccccttatgt ccagggttcc acacatgcta caatggccgg tacagagggc      1200
121 tgctaagccg tgaggtggag cgaatcccaa aaagccggtc tcagttcgga tcgggggtcg      1260
123 caactcgacc ccgtgaagtc ggagtcgcta gtaatcgag atcagcaacg ctgcggtgaa      1320
125 tacgttcccg ggccttgtac acaccgcccg tcacgtcacg aaagtcggtg acaccggaag      1380
127 cccgtggccc aaccgcgaag ggggggagcg gtcgaagggt ggactggcga ttgggacgaa      1440
129 gtcgtaacaa ggtagccgta ccggaagggt c
1471

```

132 <210> SEQ ID NO: 3

133 <211> LENGTH: 19

134 <212> TYPE: DNA

135 <213> ORGANISM: Artificial Sequence

137 <220> FEATURE:

138 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494

140 <400> SEQUENCE: 3

```

141 gagtttgaic ctggctcag
144 <210> SEQ ID NO: 4
145 <211> LENGTH: 17
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494

```

152 <400> SEQUENCE: 4

```

153 cgggtgtgtrc aaggccc
156 <210> SEQ ID NO: 5
157 <211> LENGTH: 16
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494

```

RAW SEQUENCE LISTING

DATE: 01/16/2003

PATENT APPLICATION: US/10/085,871C

TIME: 14:14:30

Input Set : A:\EP.txt

Output Set: N:\CRF4\01162003\J085871C.raw

```

164 <400> SEQUENCE: 5
165 gcaacgagcg caaccc                                16
168 <210> SEQ ID NO: 6
169 <211> LENGTH: 20
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
176 <400> SEQUENCE: 6
177 ccgtcaattc atttgagttt                                20
180 <210> SEQ ID NO: 7
181 <211> LENGTH: 17
182 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
185 <220> FEATURE:
186 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
188 <400> SEQUENCE: 7
189 attagatacc ctggtag                                    17
192 <210> SEQ ID NO: 8
193 <211> LENGTH: 20
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
200 <400> SEQUENCE: 8
201 agaaaggagg tgatccagcc                                20
204 <210> SEQ ID NO: 9
205 <211> LENGTH: 18
206 <212> TYPE: DNA
C--> 207 <213> ORGANISM: Artificial Sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
212 <400> SEQUENCE: 9
213 gwattaccgc ggckgctg                                    18
216 <210> SEQ ID NO: 10
217 <211> LENGTH: 15
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
224 <400> SEQUENCE: 10
225 tacgggaggc agcag                                    15
228 <210> SEQ ID NO: 11
229 <211> LENGTH: 15
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
233 <220> FEATURE:
234 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix

```

45494

236 <400> SEQUENCE: 11

RAW SEQUENCE LISTING

DATE: 01/16/2003

PATENT APPLICATION: US/10/085,871C

TIME: 14:14:30

Input Set : A:\EP.txt

Output Set: N:\CRF4\01162003\J085871C.raw

237 ctgctgcttc ccgta 15
240 <210> SEQ ID NO: 12
241 <211> LENGTH: 20
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: Primer of 16s rDNA of Saccharothrix 44442 and Saccharothrix
45494
248 <400> SEQUENCE: 12
249 agaaaggagg tgatccagcc 20

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/085,871C

DATE: 01/16/2003
TIME: 14:14:31

Input Set : A:\EP.txt
Output Set: N:\CRF4\01162003\J085871C.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 8

VERIFICATION SUMMARY

PATENT APPLICATION: **US/10/085,871C**

DATE: 01/16/2003

TIME: 14:14:31

Input Set : **A:\EP.txt**

Output Set: **N:\CRF4\01162003\J085871C.raw**

L:207 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9